

Amendments to the claims:

1. (currently amended) Electric motor, in particular, for raising and lowering panes in a motor vehicle, with a transmission (11), and a transmission housing (10), an armature shaft accommodated in the transmission housing, a brush holder (10) with a plastic ring (20), wherein the armature shaft projects through the plastic ring (20), and control electronics located in the transmission housing (10), characterized in that the control electronics comprises a, and in particular at least one, printed circuit board (14) located in the transmission housing (10), which wherein said at least one printed circuit board is essentially rectangular, and located in the transmission housing (10) wherein said printed circuit board is separate from the brush holder (18) and is formed to be removable from the brush holder (18), and wherein the printed circuit board extends in a plane parallel to the armature shaft (15).

2. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the electric motor has a pole housing (12) and a commutator (16) and that the commutator (16) extends out over the pole housing (12).

3. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein ~~a the~~ brush holder (18) is provided ~~which has with a~~ groove (14) (27) or a positive stop (27a) for receiving the printed circuit board (14).

4. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the suppression elements (34) are provided and that they are located directly on the printed circuit board (14).

5. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the printed circuit board (14) can be provided with at least one ASIG Application-Specific Integrated Circuit (44) having integrated Hall sensors.

6. (currently amended) Electric motor according to claim 3, ~~characterized in that~~ wherein the brush holder has connection bridges (38) which can be used as plug pins.

7. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein a pole housing is provided which is joined with the transmission housing (10) using three screws.

8. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the printed circuit board (14) extends at least over the axial length of the commutator (16), ~~and in particular extends beyond the commutator (16) by 1.5 times its length, or preferably, 2 or more times its length.~~

9. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the brush holder (14) (18) supports at least one segment (29) along an armature shaft (15), and ~~that~~ wherein this segment extends beyond the printed circuit board (14) and at its end forms at least part of a bearing receptacle (32).

10. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the brush holder (18) has holding elements (30) for suppression elements (34).

11. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the brush holder (18) has a connector plug (28) which is attached to the printed circuit board (14) using arch or bridge shaped connection bridges (38).

12. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the printed circuit board (14) has ~~not~~ no conductor paths in the area of the brush sparking on the a commutator (16), in particular, on the side facing the commutator (16).

13. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein at least one additional fastening device besides the a groove (27) on the brush holder (18) is provided.

14. (currently amended) Electric motor according to claim 13, ~~characterized in that~~ wherein the at least one additional attachment of the printed circuit board (14) is by means of ~~the~~ suppression elements (34).

15. (currently amended) Electric motor according to claim 13, ~~characterized in that~~ wherein the printed circuit board (14) is attached on a segment (29).

16. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the essentially rectangular printed circuit board (14) can be inserted into an opening (50) on the transmission housing (10).

17. (currently amended) Electric motor according to claim 1, ~~characterized in that~~ wherein the printed circuit board (14) is connected to ~~the~~ a connection plug (28).

18. (currently amended) Electric motor according to claim 17, ~~characterized in that~~ wherein a flange connection (52) for connecting the ~~connector~~ connection plug (28) to the transmission housing (10) is provided.

Please add the following new claims:

19. Electric motor, in particular, for raising and lower the windows of a motor vehicle, with a transmission (11), a transmission housing (10), an armature shaft (15) accommodated in the transmission housing (10), a brush holder (18) with a plastic ring (20), wherein the armature shaft (15) projects through the plastic ring, wherein a commutator (16) is arranged on the armature shaft (15), and a control electronics arranged in the transmission housing (10), characterized in that the control electronics have an essentially rectangular printed circuit board (14) arranged in the transmission housing (10), wherein the printed circuit board (14) extends over an axial length of the commutator (16) and extends beyond the axial length of the commutator (16) by at least 1.5 times.

20. Electric motor, in particular, for raising and lowering of windows of a motor vehicle, with a transmission (11), a transmission housing (10), an armature shaft (15) accommodated in the transmission housing (10), a brush holder (18) with a plastic ring (20), wherein the armature projects through the plastic ring (10), wherein a commutator (16) is arranged on the armature shaft (15), and a control electronics arranged in the transmission housing (10), characterized in that the control electronics has a printed circuit board (14) arranged in the transmission housing (10), wherein the printed circuit board (14) extends over the axial length of the commutator (16) and extends beyond the axial length of the commutator (16) by at least 1.5 times, and wherein the printed circuit board (14)

can be inserted in an opening of the transmission housing (10) that is radial to the armature shaft (15).